
Subject: Re: accessing Siemens magnetom MR images

Posted by [pford](#) on Thu, 21 May 1998 07:00:00 GMT

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(A case of where the visually impaired is leading the blind.)

A quick and dirty method is to create two arrays, one for the header and the other for the image(s). This assumes that the common format is to have a header block followed by the image data. Image sets may have multiple sub headers.

```
header = bytarr(size_of_header)
images = intarr(X,Y,Z); assuming a 3-D array of 2 byte pixels.
```

```
open the file. ( I would have to look this up, but I could e-mail an
example. )
read the header and do nothing with it
read the image.
```

```
display the image.
tvscr, image(*,*,0)
etc.
You may have to swap the byte order.
```

To calculate the header size look at the number of bytes in the file and subtract the image size in bytes.

Or if it is in DICOM format, I think there is a read_DICOM in IDL.

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Jonas (jonas_2@hotmail.com) wrote:

: I could spend some time doing this myself, but there have to be lots of
: codes doing this already.

: I want to read image files originating from our two Siemens MR scanners
: (Magnetom Vision/Expert) into IDL. I only need the image information, the
: other information (TE, TR, flip, Patient info...) is just a bonus.

: Any info/help/code is welcome

: /Jonas, the IDL newbie
